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Dated: 4/26/05 Signature: [Signature]

(David J. Powsner)

Docket No.: 102314-0046
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Steven Dardinski et al.

Group Art Unit: 2124

Application No.: 09/448,374

Examiner: T. D. Ingberg

Filed: November 23, 1999

Facsimile: 703-872-9300

For: PROCESS CONTROL CONFIGURATION
SYSTEM WITH PARAMETERIZED OBJECTS

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Examiner's remarks in paragraph 1 of the Office Action mailed on December 21, 2004, the Applicants enclose the following documents to be considered by the Examiner in connection with the above-referenced Patent Application:

1. Replacement Information Disclosure Statements (Form PTO - 1449) (14 pages)

Dated: 4/26/05

Respectfully submitted,

By [Signature]
David J. Powsner
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Form PTO - 1449
(REV. 8-83)

U.S. Department of Commerce
Patent and Trademark Office

Atty Docket: 0102314-00046	In re Application No. 09/448,374
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Dardinski, et al

Filing Date:	Group:
11/23/1999	2771

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

OTHER DOCUMENTS	
Stapleton, Nick. "802.3 Working Group DTE Power via MDI Call for interest," 3Com (July 1999). (15 pages)	
Hohenstein, David. "Between the host and device..." InTech (July 2000) (6 Pages)	
"Introducing Bailey Evolution 90™... The sound investment strategy for process automation," Bailey Infi 90 (brochure) (No Date) (30 pages)	
"Wide-range, Fully Compatible Family of Process Automation & Management Systems," Copyright © 1993 by Elsag Bailey Group as an Unpublished Work. (24 pages)	
"Make Your Automation Plan a Reality: MAX1000," Leeds & Northrup Technical Overview (no date) (38 pages)	
"Unbundling the DCS" (no publication information) (7 Pages)	
"Elsag Bailey Automation," (in Italian, no date) (35 Pages)	
"Fisher-Rosemount Is: Managing the Process Better," Fisher Controls International, Inc. and Rosemount Inc. 1993. (19 pages)	
"Process Manager Specification and Technical Data," UC03-300 9/91 Honeywell © 1990 (13 pages)	
"TDC 3000 Overview," Honeywell (no date) (23 pages)	
"TDC 3000 Process Manager™: Process Connected Solutions for the Advanced Controls Requirements of the 1990s," Honeywell (no date) (10 pages)	

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(REV. 8-83)U.S. Department of Commerce
Patent and Trademark OfficeAtty Docket:
0102314-00046In re Application No.
09/448,374

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Applicant: Dardinski, et al

Filing Date:
11/23/1999 Group:
2771

U.S. PATENT DOCUMENTS

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No

OTHER DOCUMENTS

	"Agenda," World Batch Forum 1994 (March 6-9, 1994), Tempe, AZ. (9 pages).
	Bader, F. P. "Building a Better Batch Control Foundation with IEC 1131-3 Control Languages," 1994 World Batch Forum (March 6-9, 1994). (23 pages).
	Brown, Jerry et al. "Trends and Opportunities in Batch Control System Architectures," 1994 World Batch Forum (March 6-9, 1994). (pp 1-12).
	Bullotta, Rick. "Designing Effective User Interfaces for Batch Processes," 1994 World Batch Forum (March 6-9, 1994). (pp 1-19).
	Frischia, Anthony et al. "MES: Manufacturing's Missing Link is a Tool for Change," 1994 World Batch Forum (March 6-9, 1994). (7 pages).
	"Policy Manual," 1994 World Batch Forum (March 6-9, 1994). (15 pages)
	"SP88 Mes Task-Force Europe Position Document," 1994 World Batch Forum (March 6-9, 1994). (pp 1-30)
	Van de Pol, P. "OmniChem: Real Time Production scheduling in a batch oriented environment," 1994 World Batch Forum (March 6-9, 1994). (23 pages)
	"1995 World Batch Forum: Meeting of the Minds [Agenda]," (May 22 - 24, 1995) Newtown Square, Pennsylvania. (2 pages)
	Adler, David J. et al. "Does a Manufacturing Execution System Reduce the Cost of Production for Bulk Pharmaceuticals?" 1995 World Batch Forum (May 22-24, 1995). (13 pages)
	Ash, Raymond H. et al. "Strategic Needs in Batch Manufacturing." 1995 World Batch Forum (May 22-24, 1995). (8 pages)
	Benner, Stephen J. "MES in Batch Process Manufacturing. A MES Vendor view" 1995 World Batch Forum (May 22-24, 1995). (8 pages)
	Bristol, E H., "Not a Batch Language; A Control Language!" 1995 World Batch Forum (May 22-24, 1995). (4 pages)
	Brown, Jerry et al. "Meeting The Challenge Of Automation Technology," 1995 World Batch Forum (May 22-24, 1995). (11 pages)

	Fisher, Thomas G. P.E. "SP88 Update - Now and the Future," 1995 World Batch Forum (May 22-24, 1995). (59 Pages).
	Gillespie, David P., Ph.D. "Comprehensive Information Management: EPA, OSHA, and Beyond," 1995 World Batch Forum (May 22-24, 1995). (14 Pages).
	Grant, Dr. R. Peter. "The Impact of Reengineering on the Batch Manufacturing Workplace," 1995 World Batch Forum (May 22-24, 1995). (5 Pages).
	Kissling, Jeffrey L. "Flexible Software Structures and Change Management," 1995 World Batch Forum (May 22-24, 1995). (16 Pages).
	Loos, Peter. "Production Management - Linking Business Applications to Process Control," 1995 World Batch Forum (May 22-24, 1995). (pp. 1-16).
	Ochoa, David. "Effects of Alliances and Acquisitions on the Batch Automation User," 1995 World Batch Forum (May 22-24, 1995). (43 Pages).
	"Plant Operations Framework," AMR Report (May/June 1995). (6 Pages).
	Reklaitis, G. V. "Scheduling Approaches for the Batch Process Industries," 1995 World Batch Forum (May 22-24, 1995). (17 Pages).
	Rosenof, Howard P. "Dynamic Scheduling for a Brewery," 1995 World Batch Forum (May 22-24, 1995). (6 Pages).
	Schreiber Philip et al. "Process Automation Using SP88," 1995 World Batch Forum (May 22-24, 1995). (7 Pages).
	Strobhar, David A. "Evolution of Operator Decision Making," 1995 World Batch Forum (May 22-24, 1995). (6 Pages).
	Vardy, Joel M. "Integrating Manufacturing into the Corporate Reengineering Effort for the Batch Industries," 1995 World Batch Forum (May 22-24, 1995). (24 Pages).
	Webb, Marcus. "Computer System Implementation, Batch Standards and Validation," 1995 World Batch Forum (May 22-24, 1995). (11 Pages).
	Young, Stephen L. "Technology... The Enabler for Tomorrow's Agile Enterprise," 1995 World Batch Forum (May 22-24, 1995). (10 Pages).

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/448,374
				Filing Date	November 23, 1999
				First Named Inventor	Dardinski et al.
				Group Art Unit	2771
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	0102314-0046

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
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Substitute for form 1449A/PTO				Complete if Known Application Number 09/448,374-4969 Filing Date November 23, 1999 First Named Inventor Steven Dardinski Group Art Unit 2771 Examiner Name Not Yet Assigned Attorney Docket Number 102314-0046	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	1	of	1		

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				Application Number	09/448,374-4969
				Filing Date	November 23, 1999
				First Named Inventor	Steven Dardinski
				Group Art Unit	2771
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	102314-0046
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		Filing Date	November 23, 1989
		First Named Inventor	Steven Dardinaki
		Group Art Unit	2771
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	102314-0048
Sheet	5	of	7

		(US), September 11, 1990, (DialogWeb search result). (1 Page)	
	BW	"Innovative Small Controller Family offers Full Integration," News Release, Control Technology, August 17, 1989, (DialogWeb search result). (1 Page)	
	BX	AC I/O Modules Available for Low-Cost Automation Controller," News Release, Control Technology Corporation, June 28, 1989, (DialogWeb search result). (1 Page)	
	BY	"New Small Automation Controller features Precision Analog I/O Modules," News Release, Control Technology (US), May 30, 1989, (DialogWeb search result). (1 Page)	
	BZ	"Inexpensive Automation Controller features Message Display Capability," News Release, Control Technology (US), May 19, 1989, (DialogWeb search result). (1 Page)	
	CA	"Small Multi-Tasking Controller for Cost-sensitive Applications," News Release, Control Technology US, November 8, 1988, (DialogWeb search result). (1 Page)	
	CB	"CAD/CAM Software creates Automation 'Programming Environment'," News Release, Control Technology (US), October 3, 1988, (DialogWeb search result). (1 Page)	
	CC	"Automation Programming Environment runs On IBM (R) -PC," News Release, Control Technology (US), March 29, 1988, (DialogWeb search result). (1 Page)	
	CD	"Low-Cost Automation Controller features Motion Control, Communications," News Release, Control Technology (US), March 7, 1988, (DialogWeb search result). (1 Page)	
	CE	"System Provides Stepping Motor Control in Workcell Environment," News Release, Control Technology Corp., December 5, 1986, (DialogWeb search result). (1 Page)	
	CF	"Multi-Tasking Controller provides High-level Instructions for Motion Control, Sequencing," News Release, Control Technology Corporation, August 22, 1986, (DialogWeb search result). (1 Page)	
	CG	"Operator's Console creates 'Friendly' Machines," News Release, Control Technology (US), May 19, 1986, (DialogWeb search result). (1 Page)	
	CH	"Automation Controller features fast 80186 Processor, Integrated Software," News Release, Control Technology (US), April 22, 1986, (DialogWeb search result). (1 Page)	
	CI	"Plug-Compatible Controls and Actuators Speed System Development," News Release, Control Technology (US), January 13, 1986, (DialogWeb search result). (1 Page)	
	CJ	"Modular Valve Assemblies Connect to Controller with Ribbon Cable," New Product Release, Control Technology (US), January 8, 1986, (DialogWeb search result). (1 Page)	
	CK	"Linear Actuators offer Plug-Compatibility with Controller," News Release, Control Technology (US), November 21, 1985, (DialogWeb search result). (1 Page)	
	CL	"Compact System combines Motion Control, Machine Control," News Release, Control Technology, May 28, 1985, (DialogWeb search result). (1 Page)	
	CM	"Automation Controller accepts Customization," News Release, Control Technology, July 12, 1985, (DialogWeb search result). (1 Page)	
	CN	"SECS-11 Communication Board Plugs into Automation Controller," News Release, Control Technology, August 26, 1985, (DialogWeb search result). (1 Page)	
	CO	"Operator's Console for Automated Machines," News Release, Control Technology, August 15, 1985, (DialogWeb search result). (1 Page)	
	CP	"Programmable Controller offers control of Stepping and Servo Motors," News Release, Control Technology, May 31, 1985, (DialogWeb search result). (1 Page)	
	CQ	Taylor, Ken and Trevelyan, James, "A Telerobot on the World Wide Web," printed from http://telerobot.mech.uwa.edu.au/ROBOT/telerobo.htm (14 pages). (1995)	



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CY	"New Products Provide Interactive Graphics Over Web Using Netscape Plug-Ins and Java," PR Newswire, May 20, 1998. (2 pages)
CZ	"Integrated Systems; Industry's top embedded operating software supports Java," M2 Presswire, March 4, 1998. (2 pages)
DA	"ErgoTech upgrades ErgoCim; First 'plug and play' component software for manufacturing," Business Wire, February 15, 1998. (2 pages)
DB	"Embedded Systems Conference Addresses the Increasing Complexity of Electronic Systems Design; Technical Program and Exhibits Help Embedded Systems Design Professionals Keep Pace with Rapid Change," PR Newswire, December 27, 1995. (2 pages)
DC	"Industry's top embedded operating software supports Java; pSOSystem enables Embedded Internet applications and Low-cost Internet appliances," Business Wire, February 1, 1998. (3 pages)
DD	"Gensym introduces G2 WebMiner for accessing and reasoning about data from the World Wide Web," Business Wire, May 15, 1998. (1 page)
DE	"Gensym Introduces Internet connectivity for its G2 family of intelligent real-time software," Business Wire, March 18, 1998. (2 pages)
DF	"Gensym Announces Its Initiative for Leveraging Intelligent Systems with Internet/Intranet Technology," Business Wire, October 7, 1997. (3 pages)
DL	Henry, Jim, Ph.D., P.E. "Implementation of Practical Control Systems: Problems and Solutions," web page print-out from http://chem.engr.uts.edu/Documents/MACSCITECH/MACSCITECHpaper1.html (22 pages), April 10, 2001.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/448,374-4969
		Filing Date	November 23, 1999
		First Named Inventor	Steven Dardinski
		Group Art Unit	2771
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	102314-0046
Sheet	7	of	7

DO	"Breaking News for Invenys Software Systems Employees; iBaah and FactorySuite 2000 Integration Announced," Internal e-mail dated March 23, 2001. (2 pages)	
DV	Goldberg, Ken, et al. "Desktop Teleoperation via the World Wide Web," IEEE International Conference on Robotics and Automation, pp. 654 - 659. (1995)	
DW	"Disk Drive with Embedded Hyper-Text Markup Language Server," IBM TDB, December 1995. (1 page)	

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--------------------	-----------------

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